

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------|---------|------------------|
| S1 | 21 | ((("2685429") or ("2863634") or ("2962256") or ("3728039") or ("4013376") or ("4303371") or ("4526226") or ("4573865") or ("5165847") or ("5169287") or ("5538393") or ("5584651") or ("5993150") or ("6126389") or ("6139257") or ("6196792") or ("6231303") or ("6612806"))).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/08/23 07:37 |
| S2 | 1 | ("6779597").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/08/18 17:49 |
| S3 | 1363 | (415/116).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/08/19 08:30 |
| S4 | 1317 | 415/115.ccls. NOT (S3) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/19 09:31 |
| S5 | 0 | 415/173.1ccls. NOT (S3 S4) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/19 09:31 |
| S6 | 340 | 415/173.1.ccls. NOT (S3 S4) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/19 09:51 |
| S7 | 157 | 415/173.3.ccls. NOT (S3 S4 S6) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/19 09:56 |
| S8 | 140 | 415/139.ccls. NOT (S3 S4 S6 S7) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/19 10:00 |
| S9 | 171 | 415/138.ccls. NOT (S3 S4 S6 S7 S8) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/19 10:05 |
| S10 | 178 | 415/135.ccls. NOT (S3 S4 S6 S7 S8 S9) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/19 10:11 |
| S11 | 137 | turbine same shroud same (separator divider) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/19 10:18 |
| S12 | 478 | turbine same seal same (angled straight) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/19 10:19 |
| S13 | 38 | S12 and segmented | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/19 10:19 |

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| S14 | 41 | ("3348622" "3597102" "3728039" "3825364" "3975901" "4177004" "4465429").PN. OR ("4573865").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/19 10:34 |
| S15 | 27 | ("3817654" "4067585" "4303249" "4379560" "4410163" "4465284" "4759555" "4850521" "5002288").PN. OR ("5125796").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/19 10:41 |
| S16 | 28 | ("3583824" "3635586" "3742706" "3825364" "4023731" "4222707" "4230436" "4522557" "4526226" "4645415" "4901520" "5048288" "5134844" "5169287" "5562408" "5584651" "5593277" "5611197").PN. OR ("5993150").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/19 10:43 |
| S17 | 8 | ("5480281" "5488825" "5609466").PN. OR ("6146091").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/19 10:45 |
| S18 | 7 | ("3990807" "6019572" "6302642").PN. OR ("6508623").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/19 10:47 |
| S19 | 28 | ("3583824" "3635586" "3742706" "3825364" "4023731" "4222707" "4230436" "4522557" "4526226" "4645415" "4901520" "5048288" "5134844" "5169287" "5562408" "5584651" "5593277" "5611197").PN. OR ("5993150").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/19 12:40 |
| S20 | 883 | turbine and (pressure same seal same shroud) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/19 12:40 |
| S21 | 82 | S20 and impingement | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/19 12:40 |
| S22 | 14 | ("3975114" "4396199" "5125796" "5127799" "5634766" "5743708" "5865600" "5868398" "6193240" "6199871").PN. OR ("6431825").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/19 13:03 |
| S23 | 113 | (multiple dual) same pressure same shroud same cooling | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/19 13:03 |
| S24 | 54 | S23 and turbine | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/19 13:04 |

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| S25 | 603 | (277/641).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/08/22 15:27 |
| S26 | 36 | ("2396319" "4063845" "4177004" "4199151" "4602795" "4752184" "4759555" "4863343" "5149250" "5188506" "5249920" "5273396" "5372476" "5797723" "5865600").PN. OR ("6164656").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/22 15:29 |
| S27 | 29 | ("3690785" "3728041" "3752598" "3752599").PN. OR ("3970318"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/22 15:42 |
| S28 | 192 | 277/642.ccls. NOT S25 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/22 15:47 |
| S29 | 691 | 277/644.ccls. NOT (S25 S28) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/22 15:47 |
| S30 | 12 | ("20010031201" "4013376" "4335886" "4497610" "4513975" "4679981" "4730832" "5201846" "5374161" "5738490" "6089821" "6129513").PN. OR ("6742783").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/22 15:49 |
| S31 | 18 | ("3583824" "4087199" "4329113" "4379677" "4497610" "4551064").PN. OR ("4679981"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/22 15:50 |
| S32 | 21 | ("3313553" "3870322" "4188037" "4537024" "4602888" "4603892" "4902198" "5158430" "5338152" "5509669").PN. OR ("5624227").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/22 16:15 |
| S33 | 372 | turbine same cooling same (split dual) same (chamber cavity) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/22 16:44 |
| S34 | 297 | S33 and (shroud case casing) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/22 16:16 |
| S35 | 0 | ("2005/0141989").URPN. | USPAT | OR | ON | 2005/08/22 16:40 |
| S36 | 0 | turbine same clearance same (split dual) same (chamber cavity) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/22 16:44 |
| S37 | 9 | ("5169287" "5391052" "5480281" "5964575" "6146091").PN. OR ("6390769").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/22 16:59 |
| S38 | 8 | ("5480281" "5488825" "5609466").PN. OR ("6146091"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/22 17:02 |

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| S39 | 106 | seal same (dogbone spline (dog adj bone)) and linear and angled | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/23 07:38 |
| S40 | 41 | S39 and turbine | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/23 07:41 |
| S41 | 65 | S39 not S40 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/23 07:42 |
| S42 | 8 | S39 and segmented | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/23 07:44 |
| S43 | 85 | seal same (dogbone (dog adj bone)) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/23 07:53 |
| S44 | 330 | seal and turbine and groove and linear and angled | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/23 07:58 |
| S45 | 164 | S44 and segment\$2 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/23 08:04 |
| S46 | 1383 | Turbine same seal same circumferentially | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/23 08:04 |
| S47 | 92 | S46 same segmented | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/23 08:04 |
| S48 | 11 | S47 same (dogbone spline) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/23 08:04 |
| S49 | 26 | ("4297222" "4310574" "4374183" "4396349" "4522559" "4527385" "4551064" "4768924" "4815933" "4826397" "4883405" "4916906").PN. OR ("5224822").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/23 08:11 |
| S50 | 38 | ("2645413" "2817124" "2848156" "2859935" "3300178" "3304054" "3412977" "3854843" "3966356" "4023919" "4087199" "4101242" "4127357" "4247249" "4273824" "4349313" "4363599" "4398866").PN. OR ("4522559").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/23 08:38 |
| S51 | 240 | (415/138).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/08/23 08:38 |

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| S52 | 5 | ("4213296" "4379560" "4425078" "4573866" "5975844").PN. OR ("6857848").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/23 08:39 |
| S53 | 2 | ((("5868398") or ("5743708"))).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/08/23 09:07 |
| S54 | 17 | ("3144255" "3728041" "3938906" "4114248" "4524980" "4537024" "4897021" "5154577" "5338152").PN. OR ("5868398").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/23 09:15 |
| S55 | 3 | straight same (circumferential\$2 ring) same segmented same (angle\$1 near end) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/23 09:17 |
| S56 | 62 | straight same (circumferential\$2 ring) same segmented same (angle\$1) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/23 09:19 |
| S57 | 14 | S56 and seal | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/23 09:17 |
| S58 | 38 | linear same (circumferential\$2 ring) same segmented same (angle\$1) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/23 09:18 |
| S59 | 9 | S58 and seal | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/23 09:18 |
| S60 | 48 | S56 not S57 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/23 09:23 |
| S61 | 7 | seal same linear same segments same angled same ends | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/23 09:23 |